

W. Goldswort

SUPPLEMENT TO
Annals of the Association of American Geographers

VOLUME XIII

MARCH, 1923

No. 1

ANNOUNCEMENT.—The first quarterly news letter to be sent to members as a supplement to the Annals is made up largely of information secured from return postal cards. Another postal will be sent out in May to serve as a basis for the June letter. Members are particularly requested to return complete and accurate information concerning their publications in order to make this supplement as helpful a bibliographic reference as possible. The success and usefulness of this innovation depends on the complete cooperation of the members.

COUNCIL ACTIONS.—The following have been nominated as members of the Division of Geology and Geography of the National Research Council:

Martin, vice Tower, term expires.

Sauer, vice Barrows, resigned.

The Council has formally requested the U. S. Geological Survey to republish the map of the Physiographic Provinces of the United States as a public document. Requests both to the Secretary and to the Survey, indicated a large demand for this map for educational purposes, and no separate copies were available.

NEWS ITEMS FROM MEMBERS.—M. Auroseau will publish The Geographical Study of Population Groups in the April number of the Geographical Review.

W. W. Atwood has recently returned from a trip to Europe during which he visited seven countries and the leading schools and departments in geography in western Europe. He is preparing an article on Geography and the Present European Crisis for the Journal of Geography. Other work in progress includes a report on the Physiography of the San Juan Region for the U. S. Geological Survey.

O. E. Baker will give a two weeks course of lectures on the Agricultural Regions of North America at Clark University in May. He is at present working on bulletins on Agricultural Regions of the United States, on the Agricultural Geography of the Spring Wheat Region, also a paper on Land Utilization for the 1923 Year Book.

Paul Bartsch reports as work in progress a Report on the Mollusks of the Mazatlantic Faunal Area.

L. A. Bauer has been elected a corresponding member, Société Géographique de Lisbon, Portugal.

Hiram Brigham is now Lieutenant Governor of the State of Connecticut. He is continuing work on the results of his South American Exploration and has a volume on Machu Picchu in preparation.

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A. H. Brooks writes that the new shaded relief map of Alaska will be issued in a few months. He is working on an article on the Geography of Eastern Siberia, which is based on his personal studies in the summer of 1922.

C. F. Brooks is preparing manuscripts on Clouds and Their Significance, on the Passing Weather, and on Climatology and the Climate of the World.

R. M. Brown was elected president of the National Council of Geography Teachers in December. He is continuing his work on Normal School Geography as chairman of a joint committee of the Council and this Association.

H. J. Cox contributes each week an article on Weather and Climate to the Chicago Daily News.

V. C. Finch and R. H. Whitbeck announce: A College Text Book on Economic Geography, in preparation.

H. A. Gleason is one of a committee of three botanists and ecologists assigned by the manager of the New York Botanical Garden to investigate the environmental factors which have determined the perpetuation of the famous Hemlock Grove in the Garden. This is a sea coast outpost of a northern forest type surrounded by deciduous forests.

J. Paul Goode has been awarded the Helen Culver gold medal by the Geographic Society of Chicago, for "distinguished achievement in Cartography." Work in process includes a wall map of Mexico, a school Atlas and a new map projection of the whole earth.

H. E. Gregory is annually in Hawaii from February to October as Director of the Bishop Museum, Honolulu. He is at Yale University from October to February.

A. J. Henry is devoting his time to an investigation of the Relations between Terrestrial Temperatures and the Sun spot Cycle.

W. H. Hobbs, who returned last autumn from a year's trip around the world, is engaged in preparing a report on his studies in the Pacific. He sails June 1st as a delegate from the University of Michigan to the Pan Pacific Science Congress to be held in Sydney and Melbourne from August 13th to September 4th, next.

Mark Jefferson is preparing a monograph on Recent Colonization in the Argentine Republic.

Douglas Johnson is bringing to book his studies, which have continued over a period of years, on the Atlantic Shore Line and the Problem of Coastal Subsidence. Johnson has recently been elected a Foreign member of the Swedish Society for Anthropology and Geography.

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George R. Mansfield announces the following forthcoming publications, Geography, Geology and Mineral Resources of South Eastern Idaho, the Potash Field in Western Texas, the Structure of the Rocky Mountains in Idaho and Montana.

Lawrence Martin has returned to duty at the State Department.

F. E. Matthes has prepared for publication by the Geological Survey, a semi-popular bulletin on the origin of the Yosemite Valley. His field of study has been extended from the Yosemite region over the entire San Joaquin Basin.

O. E. Meinzer is preparing an inclusive study on Ground Water in the United States. The first of several volumes to appear as Water Supply Papers, is now on the press.

John L. Rich is now a consulting Geologist in petroleum geology. He has in press a report on the Glacial Geology of the Catskill Mountains and a paper on the Shoestring Sands of Eastern Kansas.

George B. Roorbach, as a member of the committee on statistics of the International Chamber of Commerce, has prepared a plan for securing uniformity in statistical data for discussion at the Convention in Rome.

G. T. Rude is making a study, at the request of the National Research Council, of Mean Sea Level in Small, Partially Enclosed Bays and Harbors.

Ellen C. Semple has returned from Europe, where she studied in the field the geography of portions of the Mediterranean Basin. The results of this work will be incorporated in her announced volume on the Mediterranean Region. Miss Semple taught at Clark University during the fall term and is now teaching at the University of Chicago.

J. Russell Smith is actively at work on a volume to be entitled Regional Geography of North America. He has been elected a Foreign member of the Swedish Society of Anthropology and Geography.

J. Warren Smith is investigating methods of predicting crop yields from a study of weather conditions.

Philip S. Smith is acting Director of the U. S. Geological Survey, since the resignation of Dr. G. O. Smith.

Vihlalmur Stefansson has been elected an Honorary Corresponding Fellow of the Royal Geographical Society of Great Britain. Harvard University has awarded him a Masters Degree in Anthropology, earned when he was a fellow in Anthropology in 1904-06.

E. L. Stevenson reports several papers in preparation on the History of Exploration and Cartography. He is also working on an Atlas illustrating the Evolution of the Cartography of America.

Frederick J. Turner is preparing a volume on the History of the

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United States from 1830-1850, with especial consideration of Geographical Regions.

Eugene Van Cleef, by invitation of the Finnish Government, will spend the summer making a geographic study of Finland, paying especial attention to the economic and social phases, and to trade possibilities with the United States.

O. D. Von Engeln reports that for three years he has been studying the geography of the Trough Valleys of the Central New York Plateau for the New York State Geological Survey. Papers on this study and on the Regional Geography of the Barbados are being prepared.

A. E. Waller is preparing the results of two summers work on economic plant geography in Europe. He has assisted the Miami Conservative Commission which is constructing large dams in the Miami Valley, in selecting the best vegetation cover for the built slopes.

R. DeC. Ward reports that he is actively bringing to a close the remaining chapters on the Climate of the United States, to which he has devoted his attention for several years.

S. Weidman was elected President of the Oklahoma Academy of Science in February.

Bailey Willis is making a field study of recent earthquake disturbance in Chile. His text book on Structural Geology is in press.

Changes in Addresses

Cyrus C. Adams, 80 Macdougall St., New York City.

Frank Carney, Box 309, Eldorado, Kansas.

New Members

Kirk Bryan, U. S. Geological Survey, Washington, D. C.

Joseph B. Kincer, U. S. Weather Bureau, Washington, D. C.

H. A. Marmer, U. S. Coast & Geodetic Survey, Washington, D. C.

Professor George McC. McBride, University of California, Southern Branch, Los Angeles, Cal.

Professor Stanislaus Novakovsky Clark University, Worcester, Mass.

David G. Thompson, U. S. Geological Survey, Washington, D. C.

Recent Publications

Ault, J. R., Sailing the Seven Seas in the Interest of Science, *Nat. Geog. Mag.*, December, 1922.

Baker, O. E., Land Utilization in the United States, *Geog. Rev.*, Vol. 13, No. 1, January, 1923.

Graphic Summary of American Agriculture, 1921 Year Book, U. S. Dept. of Agr.

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- Bartsch, P., Monograph of the American Shipworms, *Bulletin 122, U. S. Nat. Mus.*
- Bingham, H., Inca Land, Houghton, Mifflin & Co.
- Bowie, W., The Earth's Crust and Isostasy, *Geog. Rev.*
Study of the Errors in Precise Longitude Determinations, *Spec. Pub. No. 92, U. S. Coast & Geodetic Survey.*
- Bowman, I., An American Boundary Dispute, *Geog. Rev.*, Vol. 13, No. 2, April, 1923.
- Brooks, A. H., Map of Alaska, 1:2,500,000, *U. S. Geol. Survey.* Contains results of all explorations through 1922.
Petroleum Seepage near Anchorage, *U. S. Geol. Sur. Bull., 739-C., 133-135.*
- Brooks, C. F., The Local or Heat Thunderstorm, *Mo. Wea. Rev.*, June, 1922.
- Brown, R. M., City Growth and City Advertising, *Sci. Mo.*, Vol. XVI, No. 1, January, 1923, 80-83.
- Colby, Chas. C., Section III, Bibliography on the United States for Foreign Students, *Bull. 3, Inst. Inter. Educ., N. Y.*, 1922.
- Cox, H. J., Thermal Belts and Fruit Growing in North Carolina, *Mo. Wea. Rev. Supp. No. 19.*
- Davis, W. M., A Graduate School of Geography, *Science*, LVI, 1922, 121-133.
The Reasonableness of Science, *Sci. Mo.*, XV, 1922, 193-214.
Penepains and the Geographic Cycle, *Bull. Geol. Soc., Am., XXXIII*, 1922, 587-598.
Faults, Underdrags and Landslides of the Great Basin Ranges, *Bull. Geol. Soc. Am., XXXIII*, 1922, 92-96.
The Hallegs, Vanishing Islands of the North Sea, *Geog. Rev.*, XIII, 1922, 99-106.
Dixey's Physiography of the Sierra Leone, *Bull. Geog. Soc., Philadelphia*, XX, 1922.
The Cycle of Erosion and the Summit Level of the Alps, *Journ. Geol.*, XXXI, 1923, 1-41.
- Fowkes, J. W., A Prehistoric Island Culture Area of America. *34th Am. Rep. Bur. Amer. Ethnol.*
- Hobbs, W. H., Cruises along By-ways of the Pacific, Stratford Co., Boston.
- Hovey, E. O., A Tree Fern of Middle Devonian Time, *Nat. Hist.*, XXII, 458-460, 1922.
Aerolite from Rose City, Mich., *Am. Mus., Novitates*, No. 52, 1922.

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- A New Meteorite from Michigan, *Nat. Hist.*, Vol. 23, 86-88, 1923.
- Hubbard, Geo. D., Meteorologic Notes on Canton, China, *Mo. Wea. Rev.*, Vol. 50, 190-191.
Dynamics of the Lithosphere, *Ohio. J. Sci.*, 22, 193-8.
Education in Cheng-tu, China, *Ped. Sem.*, 29, 247-68.
- Jefferson, M., 10th Edition, (rewritten) *Teachers Geography*, Ypsilanti, Mich.
- Lobeck, A. K., Physiographic Diagram of Europe.
Physiography of Porto Rico in Scientific Survey of Porto Rico and Virgin Islands, Vol. 1, pt. 4, *New York Acad. Sci.*
- McAdie, Alexander, Wind and Weather, MacMillan.
- Mansfield G. R., Potash in the Greensands of New Jersey, *Bull. 727, U. S. Geol. Surv.*
Nitrate in the Amargosa Region, South Eastern California, (with L. F. Noble and others) *Bull. 724, U. S. Geol. Survey.*
- Martin, L., Map of Soviet Russia, *Foreign Affairs*, Sept., 1922.
Map of the World of Islam, *Foreign Affairs*, March, 1923.
- Ogilvie, A. G., Geography of the Central Andes, A Handbook to Accompany the Le Paz Sheet, Map of Hispanic America on the millionth scale, *Amer. Geog. Soc.*, N. Y., 1922.
- Rich, J. L., Moving Underground Water as a Primary Cause of the Migration and Accumulation of Oil and Gas., *Econ. Geol.*, XVI, 1921, 347-371.
- Roorbach, G. B., The Need of International Uniformity in Business Statistics, *Harv. Bus. Rev.*, Jan., 1923.
German-United States Competition in World Markets, *Journ. Ind. & Eng. Chem.*, Nov., 1922.
Europe and the Development of American Foreign Trade, *Annals Am. Acad. Pol. and Sol. Sci.*, July, 1922.
- Smith, J. Russell, Human Geography, Book II, An Elementary Text.
- Smith, J. Warren, Relation of Weather to the Yield of Crops, *Mo. Wea. Rev.*, Nov., 1922.
Agricultural Meteorology, MacMillan.
- Stefanson, V., Northward Course of Empire; and Hunters of the Great North, Harcourt, Brace & Co.
- Stevenson, E. L., Portulan Charts, Facsimiles.
Terrestrial and Celestial Globes, 2 vols.
- Turner, F. J., Sections and Nation, *Yale Rev.*, Oct., 1922, XII, 1-21.
- Visher, S. S., Variability Versus Uniformity in the Tropics, *Sci. Mo.*, Vol. 15, 23-25, July, 1922.

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Tropical Cyclones in Australia and the South Pacific and Indian Oceans, *Mo. Wea. Rev.*, Vol. 50, 288-295, July, 1922.

Tropical Cyclones between Hawaii and Mexico, *Ibid.*, Vol. 50, 295-297.

On the Climatic Implications of the Great Loess Deposits, *Journ. of Geol.*, Vol. 30, 472-479. September, 1922.

The Distribution of Women in Who's Who (with Gertrude Hoverstock) *Sci. Mo.*, Vol. 15, 443-447, Nov., 1922, (reprinted in *Literary Digest* for Jan. 13th, 1923).

Climatic Changes, Their Nature and Causes, (with E. Huntington), pp. 340, *Yale Press*, 1922.

Regional Geography of Iberia, *Journ. Geog.*, Vol. 21, 325-334, December, 1922.

Hail and Local Climates in the Tropics, *Bull. Am. Met. Soc.*, Vol. 3, 117-121.

Notes on Typhoons with Charts of Normal and Aberrant Tracks, *Mo. Wea. Rev.*, Vol. 50, 583-589, Nov., 1922.

The Geography of Indiana, Part I of Handbook of Indiana Geology, State Dept. of Conservation, 1922.

Von Engelin, O. D., *Inheriting the Earth*, MacMillan.

Ward, R. DeC., Note on Atmospheric Humidity in the United States, *Mo. Wea. Rev.*, Vol. 50, 575-581, November, 1922.

The Old Fashioned New England Winter, *Harv. Alumni. Bull.*, 25, Feb. 1, 1923, 523-526.

Weidman, S., Evidences of Permo-Pennsylvanian Glaciation in the Arbuckle Mountains, Oct., 1922.

Physiographic History of the Arbuckle Mountains, *Ibid.*, Oct., 1922.

Whitbeck, R. H. Manufacturing Industries of Wisconsin, *The Wis. Mag.*, Vol. I, No. I, March, 1923.

Zon, R., Research Methods in the Study of Forest Environment, *Bull. 1059, U.S. Dept. of Agr.*

General Notes

Arrangements have been perfected with the University of Cincinnati, whereby the library becomes the depository of Exchanges with the Annals and contract has been signed.

The June number of the Annals will be a Great Plains Number, with papers by Marbut, Kincer, and Shantz. The September number will contain an article by Baker on the agriculture of the Greek Plains. If demand warrants, a larger edition will be printed for use of College classes in Economics and Agricultural Economics. The Editor will

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be glad to receive word from members who would be interested in securing extra numbers. These two numbers will contain several maps not otherwise available and will form an unusual source of reference on the Great Plains. Members are requested to send information for the June issue as to their expected activities during the summer.

It is proposed to publish in September, a list of the Doctorates given in Geography in the academic year 1922-23, and also a list of topics assigned to candidates for the Doctorate in Geography, if this information can be secured. Members are asked to cooperate in this and to send suggestions as to how the information may be made complete.

SUPPLEMENT TO
Annals of the Association of American Geographers

VOLUME XIII

JUNE, 1923

No. 2

ANNOUNCEMENTS.—The Annual Meeting of the Association will be held at the University of Cincinnati, beginning on December 27th and lasting through the 28th and 29th.

The committee on the Delimitation of Geographic Provinces approved by the Council at the winter meeting, has been completed as follows: Messrs. Joerg, chairman, Baker, Dryer, Sauer and Ward.

To date the regular subscriptions to the Annals of the Association have been increased from 75, last year, to 117.

President Huntington, Messrs. A. H. Brooks and Nevin M. Fennemore have been appointed delegates for the Association to the meeting of the Pan Pacific Scientific Congress to be held in Australia in August.

The supplement for September will contain the list of doctorates given in geography at the close of the present academic year, so far as this information can be secured. Members are requested to send in any information as soon as it is available, and likewise report thesis titles that have been assigned to candidates working for the Doctor's degree. These will be printed in the supplement so that possible duplication in the selection of investigations may be avoided.

NEWS ITEMS FROM MEMBERS.—Cyrus C. Adams may be addressed from May 1 to October 1, at Manhattan Trade School Farm, Stamford, Conn.

M. Aurossseau has joined the staff of the American Geographical Society.

O. E. Baker is preparing a series of bulletins on agricultural geography of the North Eastern Great Plains for the 1923 Year Book. He will be Professor of Agricultural Geography at Clark University for the second semester 1923-24.

H. H. Barrows is to teach in the University of California during the summer.

H. H. Bennett has been appointed chairman of the committee on organic soils of the American Association of Soil Survey Workers, to investigate the organic soils of the United States for the purpose of developing a system of classification of soils in cooperation with the several states.

Claude H. Birdseye will be in charge of a party to explore and survey the Grand Canyon of the Colorado from Lees Ferry to Boulder Canyon, starting about August 1st.

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Eliot Blackwelder has been elected president of the Le Conte Club, California, and is working on the geology of the Medicine Bow Mountains, of Wyoming.

William Bowie is preparing for the United States Coast and Geodetic Survey a paper giving data for a number of gravity stations, and containing a discussion of certain phases of isostasy.

Charles F. Brooks will teach in the summer school of Clark University and has been retained as expert to judge the probable climatic effect of a large reservoir proposed in the North Western Adirondacks.

Robert M. Brown is teaching in the Rhode Island College of Education during the summer.

Frank Carney is Chief Geologist of the National Refining Company, in charge of the entire producing operations of the company.

W. M. Davis has been made chairman of a committee of the American Association for the Advancement of Science, with C. D. Walcott and E. S. Moore, on the Development of Geological Features of City Parks, and is now in correspondence with geologists all over the country on this subject. He spoke recently before the U. S. Geological Survey on "Subsequent Valleys" and on "The Marginal Belts of the Coral Seas," and before the class in general geography in the school of foreign affairs, Georgetown University, Washington, D. C., on "The Seven Hills of Rome." He will submit two papers to the Pan Pacific Scientific Congress.

H. W. Fairbanks, 536 Palm Ave., Burbank, Cal. announces a series of school geographies in preparation.

O. L. Fassig is meteorologist in charge of West Indies service of the U. S. Weather Bureau.

N. M. Fenneman sailed from Vancouver on June 29th for New Zealand and Australia, and will return to Vancouver September 29th. He is a delegate to the Pan Pacific Scientific Congress from the National Research Council as well as this Association. He is Vice-President of Section E of the American Association for the Advancement of Science. His address is University of Cincinnati, Cincinnati, Ohio.

M. L. Fernald will lead a party of botanists for further exploration of the Shickshock Mountains, Quebec, during the coming summer.

H. A. Gleason will spend the summer at the Biological Station, University of Michigan, carrying on research work on the application of statistical methods to the study of plant associations. He reports that the investigations of the environmental factors of hemlock forests will be carried on at four stations in the hemlock grove in New York Botanical Gardens, and that cooperating stations have been estab-

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lished at New Haven by the Yale School of Forestry, at Cranberry Lake in Northern New York by the New York State College of Forestry, and at Ithaca by the Department of Forestry of Cornell University.

J. Paul Goode will be at the University of Chicago during the summer quarter and will go to Denmark and Czechoslovakia in the fall for field work. His school atlas will soon be published by Rand McNally & Co.

Roland M. Harper has been engaged in making a social and economic survey of northern Arkansas.

W. H. Hobbs sails on June 15th to attend the Pan Pacific Scientific Congress, as representative of the University of Michigan.

R. S. Holway has been appointed Emeritus Professor of Geography at the University of California from July 1. He will spend the next year in field work.

E. O. Hovey will attend the Pan Pacific Scientific Congress as representative of the American Museum of Natural History.

George D. Hubbard will conduct a summer field course in West Virginia June 21st to August 9th.

Ellsworth Huntington will be absent from the country until Christmas in field work in China, Japan, Australia, East Indies and Indo-China. His report of the committee on the atmosphere and health of the National Research Council is now in press under the title of "Geographic Distribution of the Influenza Epidemic in 1918 in the Larger Cities of the United States." His book entitled "Earth and Sun" will appear shortly.

Douglas W. Johnson is President of the Columbia Chapter of Sigma Xi. He sails in October to serve as Exchange Professor in Applied Science and Engineering in France and will lecture at several French universities. He represents Harvard, Yale, Columbia, Cornell, Pennsylvania and Massachusetts Institute of Technology in this foreign service.

A. K. Lobeck will teach in the Columbia University Summer School.

Lawrence Martin will be geographer to the Institute of Politics at Williamstown, in August, 1923. He has been reappointed representative of the Secretary of State on the Interdepartmental Quota Board. He is editing Teleki's *The Evolution of Hungary and its place in European History*, to be published by MacMillan.

F. E. Matthes will spend the summer finishing his reconnaissance of the Upper San Juan basin.

George C. McBride will teach the geography of South America in the summer session of Columbia University. He has in press "The

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Land Systems of Mexico" in the Research Series of the American Geographical Society.

George E. Nichols has been promoted to associate professor of Botany at Yale University. He will be on the staff of the Michigan Biological Station during the summer.

Alan G. Ogilvie has been elected a fellow of the Royal Society of Edinburgh; has been awarded the Milne-Edwards medal of the Société de Géographie of Paris for his geography of the Central Andes. He has been appointed lecturer in geography at the University of Edinburgh and will assume Professor Chisholm's chair in October.

R. H. Sargent is spending the summer in mapping and exploratory work in the Alaskan Peninsula.

C. O. Sauer will spend the early part of the summer in field work in Kentucky and will leave in August to take up his work as head of the department of geography in the University of California.

Ellen C. Semple has received the honorary degree of LL.D. from the University of Kentucky. She will lecture at Clark University the first semester of 1923-24 and at Chicago University during the spring term of 1924. Miss Semple will give the Richmond lectures at Vassar College in February, 1924.

Vilhjalmur Stefanson has two books in progress on his Arctic Exploration. He sailed in May to present his views on Canadian policy as to development of its northern domain to the British Cabinet. He expects to spend the rest of the summer on Monhegan Island in geographic work. He has been requested to make a 45 day reconnaissance of the interior portion of South Baffin Land.

David G. Thompson will begin on July 1st an investigation of the safe yield of the principal water bearing formations of New Jersey for the U. S. Geological Survey in cooperation with the New Jersey Department of Conservation and Development.

Frederick J. Turner will be Professor Emeritus at Harvard after September, 1924. His address for the summer is Hancock Point, Maine.

O. D. Von Engeln will teach in the summer session of Cornell University. He has in press an article on American Tendencies in Geography to appear in the Scientific Monthly.

R. DeC. Ward will this summer take a cruise on the International Ice Patrol in the North Atlantic.

R. H. Whitbeck will teach this summer at the University of Wisconsin and will lecture for two weeks at the Pennsylvania State College.

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H. N. Whitford has been granted a year's leave of absence from the Yale School of Forestry to take charge of the Crude Rubber Survey of the Department of Commerce. His address is Cosmos Club, Washington, D. C.

F. E. Williams will be part time lecturer in Economic Geography at Columbia University during the second term 1923-24. He will teach this summer at Cornell.

Changes in Addresses

Frank Carney, Box 309, Eldorado, Kansas.

James F. Chamberlain, 123 North Catalina Ave., Pasadena, Cal.

Roland H. Harper, University, Alabama.

Recent Publications

Bishop, A. L., *Outlines of American Commerce*, Ginn & Co., Boston.

Bowie, Wm., *Study in Time Errors in Precise Longitude Determinations*, Special Publication 91, U. S. Coast & Geodetic Survey.

The Present Status of the Geodetic Work in the United States, and its Value to Geology, *Amer. J. Sci.*, May, 1923.

Review of Nansen's The Strandflat and Isostasy, *Amer. J. Sci.*, May, 1923.

Brown, R. M., Objectives in Teaching of Geography, in *Addresses and Proceedings of the 60th Annual Meeting of the N. E. A.* p. 1065; Teaching the Peoples of the Earth, *North Carolina Education*, XVII, no. 8, p. 5, 1923.

Davis, W. M., The Halligs, Vanishing Islands of the North Sea, *Geogr. Rev.* XIII, 1923, p. 99-106.

The Cycle of Erosion and the Summit Level of the Alps, *Journ. Geol.* XXXI, 1923, 10-41.

Fernald, M. L., A Note Defining the Location of Mt. Fortin, a newly discovered mountain in the Shickshock mountains, Matane Co., Quebec, *Rhodora*, XXV, 83.

Gleason, H. A., Geographical Distribution and Probable Evolution of the Genus *Vernonia* in North America, *Am. Journ. of Botany*.

Gregory, H. E., Traverse from Mohave to Mouth of San Juan (with L. F. Noble) *Amer. J. Sci.*, Mar. 1923.

Harper, R. H., Urban Culture in the North and South, *Montgomery Advertiser*, March 3, 1923.

Hobbs, W. H., Cruises Along By-Ways of the Pacific, The Stratford Company, 1923, pp. 162, illustrated.

Les Guirlandes Insulaires et la Formation des Montagnes, (Address delivered at the Sorbonne, April 29, 1922), *Annales de Geographie*, vol. 31, 1922, pp. 485-495.

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- Sounding the Depths of the Ocean, *The Michigan Technic*, vol. 36, 1923, pp. 5-8.
- Les Glaciers du Monde Actuel, Translation from the English by A. Allix and J. Blache, reprinted from the *Revue de Geographie Alpine*, vol. 10, 1922, pp. 1-99.
- Huntington, Ellsworth, The Lordly Sun, *Harpers Magazine*, April, 1923.
- Lobeck, A. K., The Physiography of Porto Rico, vol. 1, part 4, Scientific Survey of Porto Rico, N. Y. Academy of Sciences.
- Physiographic Diagram of Europe, Wisconsin Geographical Press.
- Mansfield, G. R., The Potash Field in West Texas, *Journ. Ind. & Eng. Chem.*, May, 1923.
- Martin, Lawrence, Small Maps in Foreign Affairs and the New York Times.
- Matthes, F. E., Story of the Yosemite Valley is now printed on the reverse side of the maps of the Yosemite Valley and has been published in abridged form as a leaflet of the National Park Service.
- Nichols, G. E., A Working Basis for the Ecological Classification of Plant Communities, *Ecology*, Jan., Apr., 1923.
- Novakovsky, S., Geographic Regions of the Fisheries of Asiatic Russia, *Journ. Geog.*, Jan., 1923.
- Pittier, H., The Vegetation of Venezuela and Central America, in Spanish, English and Latin.
- Rich, J. L., Shoestring Sands of Eastern Kansas, *Bull. Amer. Ass., Petroleum Geologists*.
- Visher, S. S., Tropical Climates from an Ecological Viewpoint, *Ecology*, vol. 4, p. 1-10, 1923.
- Notes on Hawaii, *Journ. Geog.*, vol. 22, p. 41-53, 1923.
- Modern Geography, Its Scope, Aim and Methods, *Educ. Rev.*, vol. 65, p. 295-298, May, 1923.

SUPPLEMENT TO
Annals of the Association of American Geographers

VOLUME XIII

SEPTEMBER, 1923

No. 3

ANNOUNCEMENTS.—The Annual Meeting opens December 27 at 1:30 p. m., at the University of Cincinnati, and continues through December 28, and 29.

Members are reminded that nominations for membership to be considered by the Council in December must be received by the Secretary by November 25th.

Doctorates in Geography

Conferred During the Academic Year 1922-23

Clark University:

Jesse Elmer Switzer—The Geography of North Dakota.

Frederick Kenneth Branom—The Economic Geography of the Boston Region (a study in regional geography).

Preston Everett James—Geographic Factors in the Development of Transportation in South America.

Radcliffe College:

Milicent Todd Bingham (Mrs.)—Geographic Controls in Peru.

University of Chicago:

Kenneth C. McMurtry—Economic Adjustments to Environmental Conditions in the Central Basin of Tennessee.

Clarence F. Jones—The Port of Montreal.

University of Michigan:

D. H. Davis—The Geography of the Jackson Purchase.

Theses Subjects Assigned to Candidates for the

Doctorate in Geography

NOTE:—The following list has been arranged at the request of several members in the hope that it may be of help to all who are administering graduate work in geography. It should interest also all members as it indicates the interests and attitude toward the subject of those whom we may expect to take a significant part in determining the trend of the science in the near future.—*Editor.*

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Clark University:

Robert F. Webb—Physiographic Evolution of the Plateaus Southwest of the San Juan Mountains to the Colorado River.

Douglas C. Ridgeley—Geographic Principles and Their Application to the Study and Teaching of Geography.

B. M. Varney—Variation of Rainfall in California.

C. E. Cooper—Geographic Aspects of Philippine Independence.

Columbia University:

No exact titles have been assigned, but E. M. Lehnerts is working on a physiographic problem of the Adirondacks, and E. A. Moore on the physiography of submarine platforms.

University of Chicago:

Sam, T. Bratton—The Geography of the St. Francis Basin.

Robert G. Buzzard—The Geography of Seattle.

Earl C. Case—Economic Adjustments to Environmental Conditions in the Valley of East Tennessee.

Edna C. Campbell—The Port of New Orleans.

John W. Coulter—Geography of the Santa Lucia Mountain Region.

Richard Hartshorne—The Chicago Port District.

Mary J. Lanier—The Historical Geography of Boston.

H. M. Leppard—Geography of the Winnipeg District.

C. J. Posey—The Geography of Minneapolis—St. Paul.

Lewis F. Thomas—The Geography of St. Louis.

Harold Ward—Economic Adjustments to Environmental Conditions in the Ontario Peninsula.

Charles L. White—Agricultural Adjustments to Environmental Conditions in the Oasis of Utah.

University of Pennsylvania:

Henry F. James—Geography of the Piedmont of Southeastern Pennsylvania.

University of Wisconsin:

John W. Frey—Fundamental Factors Underlying the Commerce between the United States and the United Kingdom.

Walter Voskuil—Economic Geography of the Park Falls Region of Wisconsin.

Ralph H. Brown—Geography of the Connecticut Valley of Massachusetts.

Genevieve E. Loft—The Geography of Winnipeg and Vicinity.

Glenn T. Trewartha—Geographic Influences in the Development of the Dairy Industry of Wisconsin.

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CONSTITUTION AND BY-LAWS

Names and Addresses of Members November 1, 1923

CONSTITUTION

I. Name and Object.

The name of this organization shall be the Association of American Geographers. Its object shall be the cultivation of the scientific study of geography in all its branches, especially by promoting acquaintance, intercourse and discussion among its members, by encouraging and aiding geographical exploration and research, by assisting the publication of geographical essays, by developing better conditions for the study of geography in schools, colleges and universities, and by co-operating with other societies in the development of an intelligent interest in geography among the people of North America.

II. Officers.

The officers of the Association shall be a President, a Vice-President, a Secretary, a Treasurer (one person may be both Secretary and Treasurer), and three Councillors. These officers, together with the two most recent former Presidents, shall constitute a Council which shall manage the affairs of the Association. Nomination of officers, made by a committee of three members previously appointed for that purpose, shall be sent to members not less than sixty days before the Annual Meeting of the Association. Any five members may make independent nominations which must be received by the Secretary on or before November 25th, and shall be sent to all members not later than December 5th. The Council shall have power to fill vacancies in its membership until the next annual meeting.

The election of officers shall be by ballot at the annual meeting. Each member may make such changes as he wishes in the ballot received from the Secretary. He should then enclose the ballot in a sealed envelope, sign his name on the outside, and send it to the Secretary in time for it to be counted at the Annual Meeting.

Note.—Councillors are elected for three years; the editor is appointed by the Council for two years; all others are elected annually. The term of office begins directly after the Annual Meeting.

III. Membership and Fees.

Membership shall be limited to persons who have done original work in some branch of geography. A nomination for membership must be made on an official blank, prepared by the Council, signed by two members of the Association and sent to the Secretary. The Council shall consider all nominations; if its action is favorable, the

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nominee will be recommended to the Association for election; if unfavorable, the nomination will not be brought before the Association, except on the written request of both signers of the nomination and with a statement of the Council's action. All elections to membership must be by ballot, at such times as the Council may determine. Members shall pay an annual fee of \$5.00; but the Council may remit this fee sub-silencio. The names of the members two years in arrears shall be stricken from the list of the Association. Members not in arrears may waive further payment of annual dues by the payment at any time of a life membership fee of sixty dollars (\$60.00).

IV. Meetings.

The Annual Meeting of the Association shall be held within a week of January 1, but the Council may arrange other meetings in place of, or in addition to this Annual Meeting. Announcement of the time and place of all meetings must be mailed to all members at least thirty days in advance.

V. Changes in the Constitution or By-Laws may be made in two ways; first, at any regular meeting by an affirmative vote of a majority of all the members of the Association present at the meeting, provided that printed notice of the proposed changes be mailed to all members with the call of the meeting, and voting shall be by ballot mailed or handed to the Secretary; second, by ballot at any time, provided that thirty days' notice has been sent to all members and that the proposed amendment has been presented to the Association at a regular meeting.

By-Laws

1. A publication shall be issued by the Association.
2. Members shall be free to publish, in any way they desire, essays that have been submitted to the Association.
3. Reports of meetings of the Association, prepared under the direction of the Secretary, shall be sent to such journals for publication as the Council may direct.
4. The annual meeting shall be in connection with the American Association for the Advancement of Science, whenever expedient.

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